

C L A I M S

1. An enclosure for air handling equipment,
5 comprising:

a cabinet defining a supply air outlet and a
return air inlet, wherein the supply air outlet and the return
air inlet are substantially equal in size and shape;

a cover-A overlaying the supply air outlet
10 and being generally rectangular with a centerline-A, wherein
the cover-A defines an opening-A and an alternate area-A both
of which overlay the supply air outlet and are offset relative
to the centerline-A.

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2. The enclosure of claim 1 further including a
cover-B overlaying the return air inlet and being generally
rectangular with a centerline-B, wherein the cover-B defines an
opening-B and an alternate area-B both of which overlay the
20 return air inlet and are offset relative to the centerline-B.

3. The enclosure of claim 2 wherein the cover-A
and the cover-B are interchangeable with each other and are
25 each invertible to vary the relative positions of the opening-
A, opening-B, alternate area-A and alternate area-B.

4. The enclosure of claim 3, wherein the opening-A and the opening-B are substantially rectangular.

5 5. The enclosure of claim 4, wherein the alternate area-A and alternate area-B each define a substantially round opening.

10 6. The enclosure of claim 3, wherein the opening-A and the alternate area-A are vertically offset to each other.

15 7. The enclosure of claim 3, further comprising thermal insulation disposed on one side of the cover-A.

20 8. The enclosure of claim 3, further comprising a round flange extending from the alternate opening-A.

25 9. The enclosure of claim 3, wherein the centerline-A is substantially vertical.

30 10. The enclosure of claim 3, wherein the cover-A is adjacent to cover-B.

11. An air handler for a building, comprising:
a cabinet disposed outside the building and
defining a supply air outlet and a return air inlet, wherein
the supply air outlet and the return air inlet are
5 substantially equal in size and shape;
a compressor inside the cabinet;
a condenser inside the cabinet;
an expansion device coupled to the condenser;
an evaporator inside the cabinet and
10 connected to the compressor, the condenser, and the expansion
device to provide a closed loop refrigeration circuit;
a blower inside the cabinet and forcing air
from the return air inlet to the supply air outlet and across
at least one of the condenser and the evaporator;
15 a cover-A overlaying the supply air outlet
and being generally rectangular with a centerline-A, wherein
the cover-A defines an opening-A and an alternate area-A both
of which overlay the supply air outlet and are offset relative
to the centerline-A;
20 a cover-B overlaying the return air inlet and
being generally rectangular with a centerline-B, wherein the
cover-B defines an opening-B and an alternate area-B both of
which overlay the return air inlet and are offset relative to
the centerline-B, wherein the cover-A and the cover-B are
25 interchangeable with each other and are each invertible to vary
the relative positions of the opening-A, opening-B, alternate
area-A and alternate area-B;
a supply air duct extending from the cover-A
to the building; and
30 a return air duct extending from the cover-B
to the building.

12. The air handler of claim 11, wherein the opening-A and the opening-B are substantially rectangular.

5 13. The air handler of claim 12, wherein the alternate area-A and alternate area-B each define a substantially round opening.

10 14. The air handler of claim 11, wherein the opening-A and the alternate area-A are vertically offset to each other.

15 15. The air handler of claim 11, further comprising thermal insulation disposed on one side of the cover-A.

20 16. The air handler of claim 11, further comprising a round flange extending from the alternate opening-A.

25 17. The air handler of claim 11, wherein the centerline-A is substantially vertical.

18. The air handler of claim 11, wherein the cover-A is adjacent to cover-B.

5 19. A method of configuring an enclosure for air handling equipment, wherein the enclosure includes a cover-A that defines a opening-A leading to a supply air outlet of the enclosure, the method comprising:

 removing the cover-A from the enclosure;
10 inverting the cover-A; and
 reattaching the cover-A to the enclosure,
thereby changing the elevation of the opening-A.

15 20. The method of claim 19, wherein the enclosure includes a cover-B that defines an opening-B leading to a return air inlet of the enclosure, further comprising:

 removing the cover-B from the enclosure;
 inverting the cover-B; and
20 reattaching the cover-B to the enclosure,
thereby changing the elevation of the opening-B.

 21. The method of claim 19, wherein the enclosure
25 includes a cover-B that defines an opening-B leading to a return air inlet of the enclosure, further comprising:

 removing the cover-B from the enclosure;
 swapping the positions of the cover-A and the
cover-B; and
30 reattaching the cover-B to the enclosure.

22. A method of configuring an enclosure for air handling equipment, wherein the enclosure includes a cover-A that defines a opening-A leading to a supply air outlet of the enclosure and a cover-B that defines an opening-B leading to a return air inlet of the enclosure, the method comprising:

5 removing the cover-A and the cover-B from the enclosure;

swapping the positions of the cover-A and the cover-B; and

10 reattaching the cover-A and the cover-B to the enclosure, thereby changing a distance between the opening-A and the opening-B.

23. The method of claim 22, further comprising

15 inverting at least one of the cover-A and the cover-B.